

Optical data stores comprising a Co phthalocyanine having an axial substituent and an axial ligand in the light-writable information layer

A b s t r a c t

Optical data carriers whose information layer comprises at least one light-absorbent compound which is a Co(III) phthalocyanine in which the Co metal centre bears an axial substituent R^1 and an axial coordinated ligand R^2 , where R^1 is CN, SCN, halogen, in particular Cl, Br or F, alkoxy, aryloxy, arylthio or alkylthio and R^2 is no ligand or substituted or unsubstituted amine, water, an alcohol, H_2S , a thioalcohol or an isonitrile.